

ABSTRACT OF THE DISCLOSURE

A hydrodynamic bearing device is provided at low cost, which has favorable bearing performance and long endurance
5 life. A thrust bearing part of the hydrodynamic bearing device has a second thrust surface. In the second thrust surface, a dynamic pressure generating groove area having a plurality of dynamic pressure generating grooves is formed in at least a part thereof in a radial direction. The
10 action of dynamic pressure of lubricating oil increases the pressure in a thrust bearing clearance between an end of a flange part of an axial member and the second thrust surface, to support the axial member in an axial direction in a non-contact manner. The dynamic pressure generating
15 groove area of the second thrust surface is formed by pressing. The difference in height between the inner and outer peripheral edges of the surface of the dynamic pressure generating groove area, namely the subtraction of the height of the outer peripheral edge from that of the
20 inner peripheral edge is regulated between or equal to 0 and $2\mu\text{m}$.